

## Dennis Jang

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**From:** Lisa Harper <lisa.harper@yahoo.com>  
**Sent:** Friday, June 29, 2012 9:27 AM  
**To:** Dennis Jang  
**Subject:** Re: Syar Industries - Plant #A2158 - Application Number 23532

Dennis: Thank you very much for your thorough response. Sincerely, Lisa Harper

## Lisa Harper

1617 Pear Tree Lane  
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707-330-7031 Cell  
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[lisa.harper@yahoo.com](mailto:lisa.harper@yahoo.com)

**From:** Dennis Jang <DJang@baaqmd.gov>  
**To:** Lisa Harper <lisa.harper@yahoo.com>  
**Sent:** Thursday, June 28, 2012 10:53 AM  
**Subject:** RE: Syar Industries - Plant #A2158 - Application Number 23532

Dear Ms. Harper,

Thank you for your comments on the proposed synthetic minor operating permit for Syar Industries, Inc. located in Napa.

The most important point to take away from the synthetic minor permit evaluation report is that although Syar industries is technically subject to Title V permitting requirements, their actual greenhouse gases are very low in comparison to the Title V permitting trigger levels. **Therefore, they will easily comply with the proposed synthetic minor permit conditions and are not a major source of greenhouse gas emissions.** The following will provide some background on our determination that Syar meets the requirements for a synthetic minor operating permit.

On July 1, 2011, any existing facility with a potential to emit greenhouse gases in excess of 100,000 tons per year became subject to Title V permitting requirements. Because Syar's potential to emit greenhouse gases exceeds this trigger level, they became subject to Title V permitting requirements at that time. By July 1, 2012, Syar must either submit a complete application for a Title V permit or receive a synthetic minor operating permit. Because Syar's actual emissions of greenhouse gases are much less than the trigger level of 100,000 tons per year, they opted to obtain a synthetic minor operating permit. Consequently, they submitted an application for a synthetic minor permit on July 8, 2011.

Potential to emit is defined in District Regulation 2, Rule 6, section 218:

**2-6-218 Potential to Emit:** The maximum capacity of a facility to emit a pollutant based on its physical and operational design. Any physical or operational limitation on the capacity of the facility to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as a part of its design only if the limitation, or the effect it would have on emissions, is federally enforceable or legally and practicably enforceable by the

District. A facility that exceeds an enforceable limitation is considered to have a potential to emit that is unconstrained by any such exceeded limit.

Pursuant to District Regulation 2, Rule 6, sections 230 and 213, a facility that is subject to Title V permitting requirements may avoid those requirements by accepting enforceable permit conditions that limit their potential to emit

**2-6-230 Synthetic Minor Facility:** A facility which, by imposition of enforceable permit conditions, has its potential to emit limited to below the threshold levels for a major facility as defined by Section 2-6-212 and is not otherwise required to apply for a major facility review permit under Regulation 2, Rule 6.

**2-6-231 Synthetic Minor Operating Permit:** A District operating permit that has been modified to include conditions imposing enforceable permit conditions on a facility or source. A synthetic minor operating permit is subject to all the provisions of District Regulations 1, 2, and 3, including, but not limited to, permitting, compliance, and fee requirements.

Pursuant to District Regulation 2, Rule 6, section 423.2, the proposed synthetic minor operating permit will contain a federally enforceable emission limit of 90,000 tons per year of greenhouse gases.

**2-6-423 District Procedures for Synthetic Minor Operating Permits:** The APCO shall take action on applications for synthetic minor operating permits and for synthetic minor operating permit revisions as follows:

**423.2 Permit Content:** The synthetic minor operating permit shall contain all information and provisions pertaining to synthetic minor operating permits as set forth in Volume II of the District's Manual of Procedures including:

**2.1** Quantifiable and practically enforceable permit conditions limiting the facility's potential to emit to no greater than 95 tons per year of any regulated air pollutant, 9 tons per year of any single hazardous air pollutant, and 23 tons per year of any combination of hazardous air pollutants, or;

**2.2** Quantifiable and practically enforceable permit conditions limiting a source or operation's potential to emit to no greater than 90 percent of the threshold for the requirement that is to be avoided, and;

**2.3** Permit conditions requiring monitoring, recordkeeping, and reporting sufficient to determine compliance with the emission limits set forth in subsection 423.2.1 or 423.2.2.

Because Syar's sources of greenhouse gases are very old and have never been modified, they are not subject to any limits on fuel use or hot mix asphalt production. Consequently, their potential to emit is based upon 24 hour per day, 7 day per week operation at the maximum rated capacity of the equipment. As shown in the application, Syar's potential to emit greenhouse gases is 148,092 tons per year. However, **Syar's actual greenhouse gas emissions are only 4,678 tons per year** based upon their highest report fuel use for the years 2007 through 2010. If their actual greenhouse gas emissions ever exceed 90,000 tons per year, they will be required to submit an application for a Title V permit.

Because Syar's actual greenhouse gas emissions are so much less than the limit of 90,000 tons per year, we are confident that they will never exceed the permit condition limit of 90,000 tons per year. Consequently, we are recommending that the synthetic minor permit be issued.

Please let me know if you have any other questions.

Sincerely,

Dennis Jang  
Senior Air Quality Engineer  
BAAQMD

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**From:** Lisa Harper [mailto:lisa.harper@yahoo.com]  
**Sent:** Thursday, May 17, 2012 8:43 PM  
**To:** Brad.wagenknecht@countyofnapa.org  
**Cc:** Sean A. Gallagher; Dennis Jang; jtechel@cityofnapa.org; Keith.Caldwell@countyofnapa.org; mvangorder@cityofnapa.org; jinman@cityofnapa.org; Mark.Luce@countyofnapa.org; Bill.Dodd@countyofnapa.org; Diane.Dillon@countyofnapa.org; jkrider@cityofnapa.org; pmott@cityofnapa.org  
**Subject:** Syar Industries - Plant #A2158 - Application Number 23532

Dear County Supervisors (Supervisor Wagenknecht, Napa County's Bay Area Air Quality Management District representative):

I regularly receive public notice notifications of all BAAQMD permit applications and news and advisories. Today I received an email notification for Syar Industries' permit application for a synthetic minor operating permit for their Napa facility (Plant A2158) and am concerned that their facility should be required to operate as a Title V facility.

As Napa's representative on the Air District Board, could I ask that you please visit the District's website (link below) and review the notice, application and engineering evaluation for Syar Industries's application for the Synthetic Minor Operating Permit. While the facility does not currently require a Title V permit for its operations and source emissions, according to the engineering evaluation, with approval of the new application Syar will exceed emissions of NOx, CO, and CO2e. In my view, it would be environmentally beneficial to our City and County that Syar be required to operate as a Title V facility and/or reduce these emissions under their current and new synthetic minor operating permit.

Approval of this application will require additional monitoring, but the facility is located very close to highly populated areas, i.e., Napa Valley College, Napa State Hospital, the Napa Corporate Park, as well as the future (proposed) Napa Pipe housing development of 700-900 homes. As you know, potential emissions from the plant can be highly toxic for cancer forming diseases. The deadline for response is June 18, 2012. I have copied the engineer in charge of the application with the hopes of receiving a response, as well as our City Council officials.

Thank you very much for your attention to this matter.

Sincerely, Lisa Harper

<http://baaqmd.gov/Divisions/Engineering/Public-Notices-on-Permits/2012/050812-23532/Syar-Industries-Inc.aspx>

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